**Pulled From The Past Pollution**

5.1.1 Define the term pollution  
  
5.1.2 Distinguish between the terms point source pollution and non-point-source pollution, and outline the challenges they present for management.  
  
5.1.3 State the major sources of pollutants  
  
5.2.1 Describe two direct methods of monitoring pollution  
  
5.2.2 Define the term biochemical oxygen demand (BOD) and explain how this indirect method is used to assess pollution levels in water  
  
5.2.3 Describe and explain an indirect method of measuring pollution levels using a biotic index  
  
5.3.1 Outline approaches to pollution management with respect to figure 5  
  
5.3.2 Discuss the human factors that affect approaches to pollution management  
  
5.3.3 Evaluate the costs and benefits to society of the WHO's ban on the use of DDT

🡪Define pollution. Give three examples of pollutants (not solid domestic waste); for each example explain how the pollutant is managed

🡪Define and compare point-source and non-point-source pollution. Give examples of each

🡪Explain how a biotic index can be used to quantify pollution levels

🡪Name three abiotic factors that can be used to assess pollution levels. Explain what each tells you

🡪State and evaluate a strategy that might reduce the impact of fertilizers on the environment.

🡪State and evaluate a strategy that might reduce the impact of pesticides on the environment.

🡪Define eutrophication and explain the causes and consequences.

🡪Define direct monitoring and give three specific examples

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🡪Give an example of industrial waste and three strategies for managing such waste

🡪Describe how inorganic fertilizers are often pollutants

🡪Explain eutrophication in relation to fertilizers; explain how eutrophication can be managed

🡪Explain what BOD and how it is related to eutrophication

🡪What are the characteristics of a eutrophic lake?

🡪What are various sources of phosphorus?

🡪Compare pollutant and organic waste

🡪Define Environmental Impact Statements and explain the processes

🡪What is the purpose of a baseline survey during EIS?

🡪Give a specific example of a EIS

🡪Explain biomagnification and bioaccumulation

🡪For each of the following, outline one method in which modern technology can reduce the impact of pollution: human activity producing pollutant, pollutant released into the environment, long-term impact on environment